

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5447
Name OXY USA Inc.
Address 3545 N.W. 58th Street
City/State/Zip Okla., City, Okla., 73112

Purchaser Northern Natural Pipeline Company

Operator Contact Person Raymond Hui
Phone (405) 949-4400

Contractor: License # 5421
Name Sage Drilling Company

Wellsite Geologist Andrew Howell
Phone (405) 949-4400

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6-1-87 6-19-87 3-16-88
Spud Date Date Reached TD Completion Date
6705' 2886' 1612 KB
Total Depth PBDT

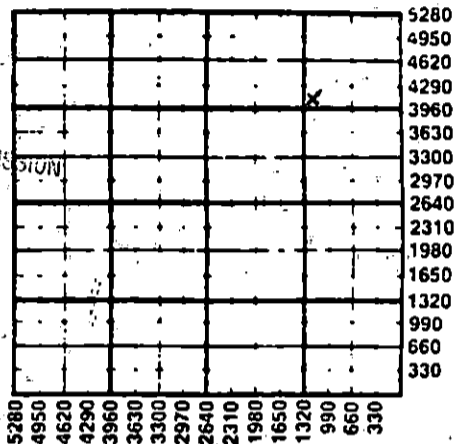
Amount of Surface Pipe Set and Cemented at.....feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt

API NO: 15-129-20851-10-00
County Morton
SW/4 NE/4 NE/4 Sec. 36 Twp. 34S Rge. 41 East West

4280 Ft North from Southeast Corner of Section
1000 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Barker B Well # 2
Field Name Kansas Hugoton Gas

Producing Formation Chase
Elevation: Ground 3399' KB 3408'
Section Plat



RECEIVED
STATE CORPORATION COMMISSION
APR 15 1988
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # T87-435
 Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West
 Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West
 Other (explain) Purchased
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements hereon are complete and correct to the best of my knowledge.

Signature Bryan Humphries
Title Engineering Manager Date 4-11-88
Subscribed and sworn to before me this 11th day of April 1988
Notary Public Jayne S. Carter
Date Commission Expires 6-12-88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
4-15-88

Operator Name OXY USA Inc. Lease Name Barker B Well # 2

Sec. 36 Twp. 34S Rge. 41 East West County Morton

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Ran BHC Sonic w/GR & Caliper, DIL-SFL w/GR & SP, CNL-LDT w/GR & Caliper & Microlog w/GR & Caliper from 6699-1628'.

Spotted 100 sx C1 H plug at 3216' KB. Top of plug at 2887'.

| Name | Top | Bottom |
|-----------------|------|--------|
| Red Bed | 0 | 585' |
| Shale & Red Bed | 585 | 1495 |
| Anhy. | 1495 | 1627 |
| Lime & Shale | 1627 | 5578 |
| Mor. Shale | 5578 | 5975 |
| Chester | 5975 | 6348 |
| St. Louis | 6348 | 6512 |
| Lime & Shale | 6512 | 6705 |
| | TD | 6705 |
| | PBTD | 2854 |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|--|---|----------------|--|----------------|-------------|-------------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | #Sacks Used | Type and Percent Additives |
| Conductor | 30" | 20" | | 50' | Grout | 10 | 3% CaCl |
| Surface | 12-1/4" | 8-5/8" | 24# | 1626' | C1 C | 625 | 6% gel; 2% CaCl |
| Production | 7-7/8" | 5-1/2" | 15.5# | 2926' | C1 C | 500 | 6% gel; 1/4# CaCl per sx D-29 |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | Depth | | | |
| 1 | Chase 2405-50'; 2460-68'; 2474-2512'; 2532-44'; 2552-68' | | | 238 gal 10% acetic acid | | | 2604-2628' |
| 4 | 2604-2628' (squeezed) | | | 5000 gals 2% KCLW | | | |
| 4 | Chase 2474-2512'; 2460-68'; 2405-2450'; 2568-2552'; 2544-2532' | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Size | Set At | Packer at | | | | | |
| 2-3/8" | 2577 | | | | | | |
| Date of First Production | | Producing Method | | | | | |
| Waiting for PL connection | | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain) | | | | | |
| Estimated Production Per 24 hours | | Oil | Gas | Water | Gas-Oil Ratio | Gravity | |
| CAOF | | Bbls | MCF | Bbls | CFPB | | |
| 1614 | | | | | | | |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 2405-2568'
 Used on Lease Dually Completed
 Commingled